Directions

Glance 'n Go Sampling for Greenbugs in Winter Wheat

Treatment Threshold = 10 Greenbugs/Tiller

Fall Edition	 OSU
	OKLAHOMA COOPERATIVE EXTENSION SERVICE

Economic Thresholds for September - December

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- ► To sample the wheat field, use a "zig zag" or "W" pattern and walk at least 15 steps (about 30 ft) between stops.
- ► Carefully pull and examine 3 tillers (stems) per stop, taking one tiller from the left, right, and front.
- At each stop, color in the leaf for each tiller that has one or more greenbugs on it, and keep a running total. If the number of infested tillers is less than or equal to the number in the "Don't Treat" column then stop sampling, and do not treat. If the number of infested tillers is equal to or greater than the number in the "Treat" column then stop sampling, and treat the field. If the number falls within the numbers listed in the "Keep Sampling" column, continue sampling until a decision can be made, or the "Stop Sampling" box has been reached.
- \blacktriangleright If the "Stop Sampling" box is reached and a decision is not made:
 - ▶ Do not spray if most of the greenbugs are mummies.
 - ▶ Recheck the field in 2-4 days if no or very few mummies are present.

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Field 1

Date

Fall, Threshold = 10

		2	_						
Sample ▼		Total tillers with 1 or more	ן דווטען	Keep Sampling	Treat				
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ ************************************	▼
Tillers 1-15 ▶	۵۵۵	٥٥٥	۵۵۵	٥٥٥	۵۵۵	▶ /15▶	5 or less	6-15	N/A
Tillers 16-30 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	► /30 ►	15 or less	16-26	27 or more
Tillers 31-45 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	► /45 ►	26 or less	27-36	37 or more
Tillers 46-60 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	▶ /60▶	37 or less	38-47	48 or more
Tillers 61-75 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	► /75 ►	47 or less	48-57	58 or more
Tillers 76-90 ▶	۵۵۵	٥٥٥	۵۵۵	٥٥٥	۵۵۵	▶ /90▶	58 or less	59-68	69 or more
		Stop Samplin	g Resamp	le in 2-4 days					

Field 2

Date

Fall, Threshold = 10

Sample ▼	Stop 1		ry 30 ft. and look at ch tiller that has 1 or Stop 3		Stop 5	Total tillers with 1 or more greenbugs	Don't Treat	Keep Sampling	Treat
Tillers 1-15 ▶	٥٥٥	٥٥٥	۵۵۵	٥٥٥	۵۵۵	<u> </u>	5 or less	6-15	N/A
Tillers 16-30 ▶	٥٥٥	$\Diamond\Diamond\Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	۵۵۵	▶ /30 ▶	15 or less	16-26	27 or more
Tillers 31-45 ▶	٥٥٥	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /45 ▶	26 or less	27-36	37 or more
Tillers 46-60 ▶	٥٥٥	$\Diamond\Diamond\Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	۵۵۵	▶ /60▶	37 or less	38-47	48 or more
Tillers 61-75 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	▶ /75 ▶	47 or less	48-57	58 or more
Tillers 76-90 ▶	٥٥٥	٥٥٥	۵۵۵	۵۵۵	۵۵۵	▶ /90▶	58 or less	59-68	69 or more

Resample in 2-4 days

OSU Field 3 Fall, Threshold = 10Date Stop every 30 ft. and look at 3 tillers Total tillers with Sample Don't Keep Treat Mark a leaf for each tiller that has 1 or more greenbugs 1 or more Sampling ▼ Treat Stop 1 Stop 5 greenbugs Stop 2 Stop 3 Stop 4 /15 **▶** 5 or less Tillers 1-15 ▶ 6-15 N/A 27 or /30 ► 15 or less 16-26 Tillers 16-30 ▶ more 37 or /45 ▶ 26 or less Tillers 31-45 ▶ 27-36 more 48 or /60 ► 37 or less Tillers 46-60 ▶ 38-47 more 58 or /75 ▶ 47 or less Tillers 61-75 ▶ 48-57 more 69 or /90 ▶ 58 or less 59-68 Tillers 76-90 ▶ more

Field 4 Date Fall, Threshold = 10

Sample V	Mark a leaf for each tiller that has 1 or more greenbugs					Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ 0	▼
Tillers 1-15 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	▶ /15▶	5 or less	6-15	N/A
Tillers 16-30 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	▶ /30▶	15 or less	16-26	27 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	► /45 ►	26 or less	27-36	37 or more
Tillers 46-60 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	▶ /60▶	37 or less	38-47	48 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	000	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	۵۵۵	► /75 ►	47 or less	48-57	58 or more
Tillers 76-90 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	▶ /90▶	58 or less	59-68	69 or more
		Stop Samplin	g Resamp	le in 2-4 days		•			

Field 5 Date Fall, Threshold = 10

Sample ▼		Stop every 30 ft. and look at 3 tillers Mark a leaf for each tiller that has 1 or more greenbugs					Don't Treat	Keep Sampling	Treat
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ "	\blacksquare
Tillers 1-15 ▶	٥٥٥	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /15▶	5 or less	6-15	N/A
Tillers 16-30 ▶	٥٥٥	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /30▶	15 or less	16-26	27 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /45 ▶	26 or less	27-36	37 or more
Tillers 46-60 ▶	٥٥٥	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /60▶	37 or less	38-47	48 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /75 ▶	47 or less	48-57	58 or more
Tillers 76-90 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	▶ /90▶	58 or less	59-68	69 or more
		Stop Samplin	g Resamp	le in 2-4 days		•	•		